

§ 165.755

or state officials may be present to inform vessel operators of the requirements of this section, and other applicable laws.

[COTP SAN JUAN 97-045, 63 FR 27681, May 20, 1998, as amended by USCG-2001-9286, 66 FR 33641, June 25, 2001; USCG-2008-0179, 73 FR 35017, June 19, 2008]

§ 165.755 Safety Zone; Guayanilla, Puerto Rico

(a) The following area is established as a safety zone during the specified conditions:

(1) A 100 yard radius surrounding a vessel carrying Liquefied Natural Gas (LNG) while transiting north of Latitude 17°56.0' N in the waters of the Caribbean Sea, on approach to or departure from the Eco-Elctrica waterfront facility in Guayanilla Bay, Puerto Rico. The safety zone remains in effect until the LNG vessel is docked at the Eco-Elctrica waterfront facility or south of Latitude 17°56.0' N.

(2) The waters within 150 feet of a LNG vessel when the vessel is alongside the Eco-Elctrica waterfront facility in Guayanilla Bay, at position 17°58.55' N, 066°45.3' W. This safety zone remains in effect while the LNG vessel is docked with product aboard or is transferring LNG.

(b) In accordance with the general regulations in 165.23 of this part, anchoring, mooring or transiting in these zones is prohibited unless authorized by the Coast Guard Captain of the Port.

(c) Coast Guard Sector San Juan will notify the maritime community of periods during which the safety zones will be in effect by providing advance notice of scheduled arrivals and departures of LNG vessels via a marine broadcast Notice to Mariners.

[COTP San Juan 00-095, 66 FR 16870, Mar. 28, 2001, as amended by USCG-2008-0179, 73 FR 35017, June 19, 2008]

§ 165.756 Regulated Navigation Area; Savannah River, Georgia.

(a) *Regulated Navigation Area (RNA)*. The Savannah River between Fort Jackson (32°04.93' N, 081°02.19' W) and the Savannah River Channel Entrance Sea Buoy is a regulated navigation area when an LNG tankship in excess of heel is transiting the area or moored

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at the LNG facility. All coordinates are North American Datum 1983.

(b) *Definitions*. The following definitions apply to this section:

Bare steerage way means the minimum speed necessary for a ship to maintain control over its heading.

Bollard pull means an industry standard used for rating tug capabilities and is the pulling force imparted by the tug to the towline. It means the power that an escort tug can apply to its working line(s) when operating in a direct mode.

Direct mode means a towing technique defined as a method of operation by which a towing vessel generates towline forces by thrust alone at an angle equal to or nearly equal to the towline, or thrust forces applied directly to the escorted vessel's hull.

Fire Wire means a length of wire rope or chain hung from the bow and stern of a vessel in port to allow the vessel to be towed away from the pier in case of fire; also called fire warp or emergency towing wire.

Heel means the minimum quantity of liquefied natural gas (LNG) retained in an LNG tankship after unloading at the LNG facility to maintain temperature, pressure, and/or prudent operations. A quantity of LNG less than five percent (5 %) of the LNG tankship's carrying capacity shall be presumed to be heel.

Indirect mode means a towing technique defined as a method of operation by which an escorting towing vessel generates towline forces by a combination of thrust and hydrodynamic forces resulting from a presentation of the underwater body of the towing vessel at an oblique angle to the towline. This method increases the resultant bollard pull, thereby arresting and controlling the motion of an escorted vessel.

LNG tankship means a vessel as described in 46 CFR 154.

Made-up means physically attached by cable, towline, or other secure means in such a way as to be immediately ready to exert force on a vessel being escorted.

Make-up means the act of, or preparations for becoming made-up.

Operator means the person who owns, operates, or is responsible for the operation of a facility or vessel.